

H.R. 874, the American Super Computing Leadership Act

Section by Section Analysis

Introduced by Rep. Randy Hultgren (R-IL) and co-sponsored by Rep. Eric Swalwell (D-CA), Rep. Lamar Smith (R-TX), Rep. Dan Lipinski (D-IL), Rep. Chaka Fattah (D-PA) and Rep. Adam Kinzinger (R-IL).

SEC. 1. Short Title.

The short title of this legislation is “American Super Computing Leadership Act.”

SEC. 2. Definitions.

Section defines terms associated with high-end computing, including “co-design,” “exascale,” and “high-end computing system.”

SEC. 3. Department of Energy High-End Computing Research and Development Program

Section 3 requires the Secretary of Energy to conduct a research program to develop exascale computing systems, including a strategy and program management plan. The program will support research on potential technologies to reduce power requirements for the next generation of high performance computing.